

Patent Claims

- ✓ 1. A management system for a building or for one or more rooms in a building, having at least one control center (10) and at least two components (13, 14, 15, 16) connected to the control center (10) by radio, the control center (10) receiving signals from the components (11) or transmitting signals to the components (13, 14, 15, 16), and the signals being transmitted within a prescribed range (54), wherein the signals are transmitted at at least two different frequencies within the frequency range (54), at least one of these frequencies being outside the partial frequency range (55) of the frequency range (54).
- ✓ 2. The management system as claimed in claim 1, wherein the signals are transmitted in a temporally offset fashion at at least two different frequencies.
- ✓ 3. The management system as claimed in claim 1 or 2, wherein the signals are transmitted sequentially in time at three different frequencies, at least a first of the three frequencies being below the partial frequency range (55), and at least a second of the three frequencies being above the partial frequency range (55).
- ✓ 4. The management system as claimed in one or more of claims 1 to 3, wherein the frequency range (54) corresponds to a high frequency band, in particular an ISM band.
- ✓ 5. The management system as claimed in claim 4, wherein the frequency range (54) is between

433 MHz and 435 MHz, in particular between 433.05 MHz and 434.79 MHz.

- ✓ 6. The management system as claimed in one or more of
5 claims 1 to 5, wherein the frequency range (54) is subdivided into a plurality of channels (56) of identical channel width.
7. The management system as claimed in claim 6,
10 wherein the channel width is 50 KHz. *20 mS*
- ✓ 8. The management system as claimed in one or more of
15 claims 1 to 7, wherein the control center (10) and the components (11, 13, 14, 15, 16) have at least in each case one transmitter (19) and/or at least in each case one receiver (20), and wherein each
20 transmitter (19) transmits each of these signals to be transmitted at at least two different frequencies, each of these frequencies being assigned to a different channel (56) within the frequency range (54).
9. The management system as claimed in claim 8,
25 wherein a receiver (20) assigned to the transmitter (19) scans each of the channels (56) on which the transmitter (19) transmits the signals to be transmitted, each channel (56) being scanned at a step interval of 10 KHz. *100 mS*
- 30 ✓ 10. The management system as claimed in one or more of claims 1 to 9, wherein the partial frequency range (55) is in a range, frequently used by foreign units, at about the band center frequency of the frequency range (54), preferably between
35 433.60 MHz and 434.40 MHz.